

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16L19/028 B21D41/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16L B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 453 217 A (HANS KAATZ) 19 March 1936 (1936-03-19) page 1, line 69 - page 2, line 5 page 2, line 21 - line 27 page 2, line 68 - line 71; figure 9	1-3,5-8, 11,12,14
X	US 5 893 591 A (EBEL ET AL) 13 April 1999 (1999-04-13) column 1, line 4 - line 15; figures	1-3,5,6, 8
X	FR 1 141 975 A (VALENTIN ET AL) 12 September 1957 (1957-09-12) page 1, paragraph 15 - paragraph 17 page 2, paragraph 9; figures	1-4,8,9
A		10,12,13
X	US 5 570 603 A (CHATTERLEY ET AL) 5 November 1996 (1996-11-05) column 3, line 59 - column 4, line 32; figures 5-11	15
A		12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 May 2005

Date of mailing of the international search report

17/05/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000426

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 453217	A	19-03-1936	NONE	
US 5893591	A	13-04-1999	DE 19526316 A1 FR 2736988 A1 GB 2303420 A ,B IT MI961456 A1	23-01-1997 24-01-1997 19-02-1997 15-01-1998
FR 1141975	A	12-09-1957	NONE	
US 5570603	A	05-11-1996	US 5450738 A AU 7678594 A WO 9506530 A1	19-09-1995 22-03-1995 09-03-1995

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